

DEC 3 2007

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SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/19/2007 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 11/21/07 Serial # 10/809412 Priority Application Filing Date 3/9/2004
 Your Name M. Lewis Examiner # 73172
 AU 2822 Phone 919-1738 Room 5A35

In what format would you like your results? Paper is the default. PAPER DISK EMAIL
 If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPAT USPGPUB DWPI EPO Abs JPO Abs IBM TDB
 Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs Nonpatent Literature Teaching Refs
 Secondary Refs Foreign Patents Other

If this is a "Fast & Focused Search" request, put a checkmark here:

And then please speak in-person immediately with the

EIC2800 Technical Information Specialist or with an EIC2800 Searcher.

A "Fast & Focused Search" is completed in 2 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm>

In your own words, what is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 24-36
Padharp - Hermetia Seed

Problem: See pages 1+2
Soln: 11 12 13

Opponents Prior Art (Ex 2)
9003/0069820

Staff Use Only

Searcher: M. M. MS
 Searcher Phone: 25928
 Searcher Location: STIC-EIC2800, JEF-4B68
 Date Searcher Picked Up: 12-6-07
 Date Completed: 12-7-07
 Searcher Prep/Rev Time: _____
 Online Time: 120

Type of Search

Structure (#) _____

 Bibliographic _____

 Litigation _____

 Fulltext _____

 Patent Family _____

 Other _____

Vendors

STN
 Dialog _____
 Questel/Orbit _____
 Lexis-Nexis _____
 WWW/Internet _____
 Other _____

20050212117

focus on "a causally aged..."
by the bonding agent." See
claim 24. Also focus on
claims 29 + 30. look
at applicability of 3A-3C.

12/07/2007 10/807417 Lewis

=> d his nofil

(FILE 'HOME' ENTERED AT 09:49:56 ON 07 DEC 2007)

FILE 'CAPLUS' ENTERED AT 09:50:11 ON 07 DEC 2007
L1 0 SEA ABB=ON PLU=ON US20050212117/PN

FILE 'WPIX' ENTERED AT 09:50:39 ON 07 DEC 2007
L2 1 SEA ABB=ON PLU=ON US20050212117/PN

L3 3122517 SEA ABB=ON PLU=ON IC/BI,BIEX OR INTEGRAT?/BI,BIEX(W)CIRCUIT?/
BI,BIEX OR CHIP/BI,BIEX OR MICROCHIP?/BI,BIEX OR TRANSIST?/BI,BIEX
OR MEM/BI,BIEX OR WAFER?/BI,BIEX OR DIE/BI,BIEX OR
SEMICONDUCT?/BI,BIEX(2A)(PKG/BI,BIEX OR PACKAG?/BI,BIEX) OR
CIRCUIT?/BI,BIEX(3A)(ELEMENT?/BI,BIEX OR DEVIC?/BI,BIEX)

L4 384309 SEA ABB=ON PLU=ON CAULK?/BI,BIEX OR HERMET?/BI,BIEX(3A)(SEAL?
/BI,BIEX OR CLOS?/BI,BIEX) OR (SEAL?/BI,BIEX OR BOND?/BI,BIEX
OR ADHESIV?/BI,BIEX OR ADHER?/BI,BIEX)(3A)(AGENT?/BI,BIEX OR
SUBSTAN?/BI,BIEX OR RESIN?/BI,BIEX OR MATERIAL?/BI,BIEX OR
FILM?/BI,BIEX)

L5 153969 SEA ABB=ON PLU=ON ?IMIDE?/BI,BIEX OR ?FLUOROPOLYM?/BI,BIEX
OR TEFILON?/BI,BIEX OR PTFE/BI,BIEX OR POLY/BI,BIEX(W)TETRAFLUOR
O?/BI,BIEX OR POLYTETRAFLUORO?/BI,BIEX OR ?BENZOCYCLOBUT?/BI,BI
EX OR BCB/BI,BIEX OR BENZO?/BI,BIEX(2A)CYCLOBUT?/BI,BIEX

L6 1709486 SEA ABB=ON PLU=ON GOLD/BI,BIEX OR AU/BI,BIEX
SEL IPC MC L2

L7 152995 SEA ABB=ON PLU=ON (H01L0023-12/IPC OR A11-B05/MC OR A12-E04/M
C OR A12-E07C/MC OR E10-J02B4/MC OR H01L0023-02/IPC OR
H01L0023-10/IPC OR L04-F05/MC OR U11-C01J8A/MC OR U11-E02A2/MC)

L8 2509 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6

L9 442 SEA ABB=ON PLU=ON L7 AND L8

L10 1282609 SEA ABB=ON PLU=ON CAP/BI,BIEX OR CAPPED/BI,BIEX OR CAPPING/BI
,BIEX OR TOP/BI,BIEX OR TOPPED/BI,BIEX OR TOPPING/BI,BIEX OR
LID/BI,BIEX OR CERDIP?/BI,BIEX OR CERPAC?/BI,BIEX OR CERFLAT?/BI
,BIEX OR CEROQUAD?/BI,BIEX OR DOME?/BI,BIEX

L11 84 SEA ABB=ON PLU=ON L9 AND L10

L12 1 SEA ABB=ON PLU=ON L11 AND CAULK?/BI,BIEX

L13 0 SEA ABB=ON PLU=ON L12 NOT L2

L14 32 SEA ABB=ON PLU=ON L9 AND HERMET?/BI,BIEX(3A)(SEAL?/BI,BIEX
OR BOND?/BI,BIEX OR CLOS?/BI,BIEX)

L15 31 SEA ABB=ON PLU=ON L14 NOT L2
D IFULLG 1-31

L16 8905 SEA ABB=ON PLU=ON (OUTER?/BI,BIEX OR OUTSIDE?/BI,BIEX)(4A)L4

L17 2 SEA ABB=ON PLU=ON L9 AND L16

L18 1 SEA ABB=ON PLU=ON L17 NOT L14
D IFULLG

L19 51 SEA ABB=ON PLU=ON L3 AND L5 AND L6 AND L16

L20 2 SEA ABB=ON PLU=ON L19 AND L7

L21 0 SEA ABB=ON PLU=ON L20 NOT (L14 OR L18)

L22 9 SEA ABB=ON PLU=ON L19 AND L10

L23 7 SEA ABB=ON PLU=ON L22 NOT (L14 OR L18)
D IFULLG 1-7

FILE 'JAPIO, KOREAPAT' ENTERED AT 11:11:00 ON 07 DEC 2007
L24 19 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6 AND L7
L25 19 DUP REM L24 (0 DUPLICATES REMOVED)

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D IALLG 1-19

FILE 'INSPEC, COMPENDEX' ENTERED AT 11:14:52 ON 07 DEC 2007

L26 0 SEA ABB=ON PLU=ON L3 AND L16 AND L5 AND L6 AND L10
L27 51 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6
L28 3 SEA ABB=ON PLU=ON L27 AND (OUTER? OR OUTSID?)
L29 43 DUP REM L27 (8 DUPLICATES REMOVED)
L30 3 DUP REM L28 (0 DUPLICATES REMOVED)
D ALL 1-3
L31 4 SEA ABB=ON PLU=ON L29 AND HERMET?(3A) (SEAL? OR BOND? OR
CLOS?)
L32 3 SEA ABB=ON PLU=ON L31 NOT L30
D IALL 1-3

FILE 'WPIX' ENTERED AT 12:11:26 ON 07 DEC 2007

L33 4 SEA ABB=ON PLU=ON L11 AND (SEAL?/BI,BIEX(3A)CAVIT?/BI,BIEX)
L34 0 SEA ABB=ON PLU=ON L33 NOT (L14 OR L18 OR L23)
L35 409 SEA ABB=ON PLU=ON L9 NOT (L14 OR L18 OR L23)
L36 1 SEA ABB=ON PLU=ON L35 AND (SEAL?/BI,BIEX(3A)CAVIT?/BI,BIEX)
D IFULLG